

DETAILED ACTION

Response to Amendment

Continued Examination Under 37 CFR 1.114

I. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 05/10/2010 has been entered.

Allowable Subject Matter

II. The following is an examiner's statement of reasons for allowance:

Claim 2 recites a method for assigning channels for radio transmission between a single subscriber station and a base station of a radio communications system with steps as defined in the specification (pages 4-8) including for transmission of data in a predefined direction: assigning a plurality of physical channels to the single subscriber station for the predefined transmission direction via a common channel description, the plurality of physical channels each having at least one of different spread-spectrum codes, different code groups, different frequencies and different midambles; and wherein the common channel description comprises information about utilization of the plurality of physical channels by the single subscriber station during the radio transmission, which specifies an order of the transmission of data for the predefined transmission direction; transmitting the common channel description to the subscriber

Art Unit: 2617

station, in which an order of the utilization of the physical channels is specified by an order of the information on each of the plurality of physical channels within the channel description.

The prior art teaches a method for assigning channels for radio transmission between a single subscriber station and a base station of a radio communications system including; assigning a plurality of physical channels to the single subscriber station, the plurality of physical channels each having at least one of different spread-spectrum codes, different code groups, different frequencies and different midambles.

However, applicant's independent claim 2 comprises a method with a particular combination of steps, as recited above, which includes for transmission of data in a predefined direction: assigning a plurality of physical channels to the single subscriber station for the predefined transmission direction via a common channel description; and wherein the common channel description comprises information about utilization of the plurality of physical channels by the single subscriber station during the radio transmission, which specifies an order of the transmission of data for the predefined transmission direction; transmitting the common channel description to the subscriber station, in which an order of the utilization of the physical channels is specified by an order of the information on each of the plurality of physical channels within the channel description.

This is neither taught nor suggested by the prior art.

Claims 3-7 are allowable based on their dependence on allowable independent claim 2.

Claim 8 recites a base station for a radio communication system with a structure as defined in the specification (pages 4-8) including a facility to assign channels for a radio

Art Unit: 2617

transmission with one subscriber station for one transmission direction, wherein the facility is operable to generate and transmit a common channel description to the one subscriber station, wherein the common channel description comprises data assigning a plurality of physical channels for the radio transmission, the physical channels having at least one of different spread-spectrum codes, different code groups, different frequencies and different midambles, and wherein the common channel description further comprises information about utilization of the plurality of physical channels by the one subscriber station during the radio transmission, which specifies an order of transmission of data for the predefined-transmission direction, in which an order of the utilization of the physical channels is specified by an order of the information on each of the plurality of physical channels within the channel description.

The prior art teaches a bases station for a radio communications system including assigning channels for a radio transmission with one subscriber station, comprising; assigning a plurality of physical channels for the radio transmission, the physical channels having at least one of different spread-spectrum codes, different code groups, different frequencies and different midambles.

However, applicant's independent claim 8 comprises a base station with a particular combination of elements, as recited above, which includes a facility to assign channels for a radio transmission with one subscriber station for one transmission direction, wherein the facility is operable to generate and transmit a common channel description to the one subscriber station, wherein the common channel description comprises data assigning a plurality of physical channels for the radio transmission, and wherein the common channel description further comprises information about utilization of the plurality of physical channels by the one

Art Unit: 2617

subscriber station during the radio transmission, which specifies an order of transmission of data for the predefined-transmission direction, in which an order of the utilization of the physical channels is specified by an order of the information on each of the plurality of physical channels within the channel description.

This is neither taught nor suggested by the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

III. The prior art made of record is considered pertinent to applicant's disclosure.

Andersson et al. Patent Number 5,937,002 discloses channel hopping in a radio communication system.

Kobayashi et al. Patent Number: 5,719,859 discloses time division multiple access radio communication system.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to BRANDON J. MILLER whose telephone number is (571)272-7869. The examiner can normally be reached on Mon.-Fri. 8:00 am to 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, George Eng can be reached on 571-272-7495. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2617

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/George Eng/
Supervisory Patent Examiner, Art Unit 2617

/Brandon J Miller/
Examiner, Art Unit 2617

May 14, 2010